CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)

An ISO 9001-2015 Certified Company
NABL Accredited As Per ISO/IEC 17025:2017 Laboratory

Ref: CACE/BBMP/EE/DIV/SKT/PMC/07/2022-23

Name of Work :"Providing Sculptures murals at Parks, Lakes and Junctions in Yelahanka Assembly Constituency".

Name of Client	:	**Executive Engineer, ProjectDivision, Yelahanka Zone,BBMP, Bangalore.**
Contractor/Agency	:	**Sri.Shankarappa T K (MESPC Infra Projects Limited), Contractor, Bangalore.**
Total Cost	:	Rs. 81.37 Lakhs
Date of Inspection	:	28.11.2022
Status of Bill	:	1st and Final
In the Presence of	:	(a) **Assistant Engineer ProjectDivision, Yelahanka Zone,BBMP, Bangalore.**
	:	(b) **Mr. Prajwal,** Engineer M/s. Civil Aim Consultants & Engineers

Sl.No	Description of the Item		Comments / observations
1	KSRB 2-2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.	103.75 Cum	Work done up to the billed quantity and Quality is satisfactory

No. 01, Satvika Nilaya, Opp. Widia Poorna Prajna School,
Ramaiah Layout, Nagasandra, Bangalore - 560 073.
Ph: 9591618639, GSTIN: 29CNWPD9510K1ZB, Email: civilaimconsultants@gmail.com

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Sl.No	Description of the Item		Comments / observations
2	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications.	3.75 Cum	Work done up to the billed quantity and Quality is satisfactory
3	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix M15 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications.	5.00 Cum	Work done up to the billed quantity and Quality is satisfactory
5	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications.	33.94 Cum	Work done up to the billed quantity and Quality is satisfactory
6	Conveying the excavated earth, debris etc., with all lead and lifts Including loading and unloading chargesetc., complete as per the direction of Engineer incharge.	51.08 Cum	Work done up to the billed quantity and Quality is satisfactory
7	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications.	52.67 Sqm	Work done up to the billed quantity and Quality is satisfactory
8	KSRB 4-6.6 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars,post and struts, circular or curved in plan including cost of all materials, labour complete as per specifications	12.80 Sqm	Work done up to the billed quantity and Quality is satisfactory

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Sl.No	Description of the Item		Comments / observations
9	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columns pillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, UOM cuing complete but excluding cost of	54.16 Cum	Work done up to the billed quantity and Quality is satisfactory
10	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and	2.43 Tonne	Work done up to the billed quantity and Quality is satisfactory
11	PROVIDING, SUPPLYING, INSTALLATION, TESTING AND COMMISSIONING OF 9 MTS LED ART TOWER LIGHTING (1 UNIT) with custom design of Design supply erection and commissioning of burgeon shaped tree. a) Fabrication of external dimension of structure is dia 4472mm at ground dia 9634mm at top height 9075mm from ground. b) The structure has total of 10 no. Of horizontal support 7 nos of 4472mm dia,1nos Of 6193 mm dia, 1nos Of 7914 mm dia, 1no Of 9634mm dia c) Horizontal anular rings are made up of 25mm od 2mm thick MS tubes rolled into arc with CNC machine for accurate and repeatable shapes. d) The structure has 18 to 20 no. Of vertical supports around the vertical rings equi spaced made up or 25mm od MS tube 2mm thick and bent into tree shapes. e) The structure is degresed	1.00Nos	Work done up to the billed quantity and Quality is satisfactory

For CIVIL AIM CONSULTANTS & ENGINEERS

Authorised Signatory

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